

CDMA DEMODULATOR AND ITS METHOD

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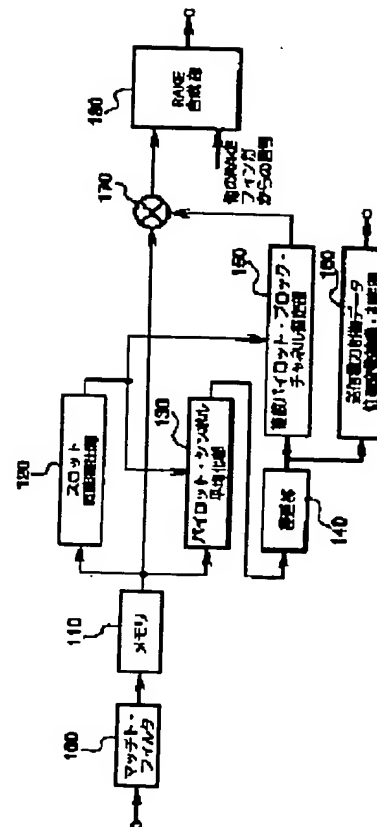
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Abstract of JP11186990

PROBLEM TO BE SOLVED: To provide a CDMA transmission system, method and demodulator that conducts highly accurate transmission channel fluctuation estimation/compensation by applying weighted mean processing to each symbol of plurality of pilot blocks, while varying a weight coefficient.

SOLUTION: Slots from a $[n-(K-1)]$ -th (where n is a non-negative integer, while K is a positive integer) to $(n+K)$ -th slot of a received data series of an information symbol period subject to inverse spreading processing are stored in a memory 110. A slot circuit detection section 120 detects the position of a pilot symbol, a pilot symbol averaging section 130 estimates a channel for each pilot block. A plurality pilot block channel estimating part 150 applies weighted sum to the channel estimate values by $2K$ sets of pilot blocks while varying a weight coefficient for each symbol to average the values.



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